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(AREN-0122)

PATENT  
S/N 09/301,811

**Listing of Claims:**

This listing of claims replaces all prior versions, and listings, of claims in the application. Applicant respectfully asserts that the claims below accurately reflect the current status of the claims as hereby amended. To the extent that a claim presented below differs, without indication of amendment, from that previously on record, such difference is unintentional and was made without deceptive intent. Accordingly, this paper should suffice as amendment to bring the prior claims into the condition set forth below.

1. (Previously amended, allowed) A computer-based method for facilitating the selection of chemical compounds, comprising:

receiving an identification of a target compound and a neighborhood range from a user;

performing a chemical similarity join to identify compounds of interest within said neighborhood range of said target compound, said chemical similarity join being performed on:

a first database table that stores information about one or more compounds including said target compound; and

a second database table that stores information about a plurality of compounds, wherein said chemical similarity join combines a compound from said first database table with a compound from said second database table and the compound from the second database table is within said neighborhood range; and

providing results of said chemical similarity join to the user.

2-45. (Canceled)